

Arboviral Surveillance Report

August 30th, 2021

Surveillance

This report provides data on Week 34 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were twenty-four (24) WNV-positive mosquito pools from twenty (20) trap locations.

Mosquitoes (data from 78 traps)

Week 34 (8/23/21 – 8/27/21)	
Total Collections (Number of Traps X Frequency of Collection)	148
Number of Female <i>Culex</i> Trapped and Tested	1241
Number of Pools Tested	81
Number of Pools Positive	24
Number of Community Areas with Positive Mosquito Pools	12
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1742
Number of Female <i>Culex</i> Trapped and Tested	24,472
Number of Pools Tested	1267
Number of Pools Positive	159
Number of Community Areas with Positive Mosquito Pools	34

Community Areas with Positive Mosquito Pools (cumulative):

O'Hare, Beverly, Chicago Lawn, Englewood, Austin, Norwood Park, Edison Park, East Garfield Park, South Lawndale, Lincoln Park, South Shore, Greater Grand Crossing, North Lawndale, Roseland, Chatham, Hegewisch, Portage Park, Forest Glen, Dunning, Irving Park, Uptown, Lincoln Square, Avondale, Belmont Cragin, West Town, Near West Side, Clearing, West Pullman, South Deering, Humboldt Park, Washington Heights, Ashburn, New City and South Chicago.

Dead Birds: 1 – Negative

***Aedes albopictus* (cumulative):** 561 females and 140 males

Humans: 1

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is high.

Larval and Adult Mosquito Control Efforts

Crews continue to assess the need for additional larval control as dictated by the summer long surveillance activities. They will focus on areas where elevated WNV has been detected. At this time, no truck mounted ULV adulticide applications are warranted.